

DEC 7 1959

COMPANY NAME <b>THE PERKIN-ELMER CORPORATION</b>		ENGINEERING STUDY <input type="checkbox"/>		CHANGE PROPOSAL <input checked="" type="checkbox"/>		Proposal No. <b>P-E-10</b>				
DATE <b>December 2, 1959</b>		AFFECTS: WSPO <input checked="" type="checkbox"/>		PROJECT <input type="checkbox"/>						
NAME OF MAJOR COMPONENT <b>Tracker MK II</b>		PART OR LOWEST SUBASSEMBLY <b>PE 501-1564</b>		PART NO. & MODEL OR TYPE						
TITLE OF PROPOSAL: <b>Modify Scan Cam</b>										
NATURE OF PROPOSAL:  Replace the present scan cam with an improved cam. This can be a field modification.  This item was originally proposed as item 9 of schedule "B", ECP P-E-5. Due to the urgency of this change, we suggest that it be done as a field modification on a production list basis under Contract HF-CT-695.										
REASON FOR PROPOSAL:  A study of tracker skipping and scan failures indicates that the scan latch is returning too soon and is hitting components of the ratchet-dog assembly. The results are skipping and mid-scan failures. To delay the return of the scan latch, a new scan cam has been designed and lab. tested. The new cam delays the scan latch until the ratchet-dog assembly has moved out of position.										
E S		ESTIMATED COST AND TIME INVOLVED: <b>N/C</b> ADDITIONAL FUNDING REQUIRED:								
C P		ESTIMATED COST FOR KITS OR PARTS: <b>40 @ \$10.00 ea.</b> ADDITIONAL FUNDING REQUIRED:								
ITEMS AFFECTED BY PROPOSAL:										
Safety <input type="checkbox"/>	Mission Effectiveness <input type="checkbox"/>	Performance <input checked="" type="checkbox"/>	Operating Procedure <input type="checkbox"/>	Interchangeability <input type="checkbox"/>	Weight or Weight & Balance <input type="checkbox"/>	Tools & Support Equipment <input type="checkbox"/>	Maintenance Procedure <input type="checkbox"/>	Service Life <input type="checkbox"/>	Flight Manual <input type="checkbox"/>	Maintenance Manual <input type="checkbox"/>
EST. MAN/HR. REQ'D. TO ACCOMPLISH CHANGE IN FIELD <b>two hours</b>										
SOURCE OF PARTS FOR KIT <b>Contractor</b>				AVAILABILITY <b>6</b> WEEKS AFTER APPROVAL <b>STATINTL</b>						
DISPOSITION OF SPARES AFFECTED <b>Scrap - part cannot be modified.</b>										
INITIATED BY: <b>Contractor</b>				APPROVED: WSPO						

STATINTL

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